

Abstract of the Disclosure

A method and system for generating random numbers is disclosed wherein an array of imaging sensors while not in normal use, captures ambient light and back scattered light. These light sources vary naturally over a range of intensities. Intensity values above and below a threshold value are decoded as "1" and "0" bits, respectively. The resulting values, based on noise within the array signal, are single bit values or n bit values. A preferred imaging sensor array is a charge coupled device. Other imaging sensor arrays such as capacitive fingerprint imagers may also be used for this purpose when sufficient noise exists within the imaging sensor array signal.